SBR No. 77/14-15
D. 30.06.2014

No. 1st & Final Bill — Original/Duplicate/Triplicate — Date

Division DD

CONTRACT CERTIFICATE

(For Other Works)

Bill Received No. 328/14-15 Dated 16/7/14 — Cash Book Voucher No. ... Dated ...

Scheduled Doctet No. — Sub-Division DD — Head of Account ...

Name of work (as per sanctioned estimate) DRILLING OF BORE WELLS, PROVIDING PUMP MOTOR AND SERVICING AT DASARAHALLI OLD VILLAGE IN DASARAHALLI WARD NO.15

Name of Contractor and Full Address THE TECHNICAL MANGER (WEST) KRIDL

Reference to Agreement No. EE/DD/WO/ 306 / 13-14 Date: 26.02.2014

Certified that the measurements were taken by me on 30/06/14 and recorded in pages 14 To 20 of measurements Book No. 847/13-14 and that the work is satisfactorily executed.

Contractor — Technical Manger KRIDL, BBMP Bangalore - 560 001

30/06/14
Officer - in - charge of work

Certified that the measurements were checked by me on 30-6-14 and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment

Work Code :- 015-14-000004

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account.	Bill Amount - 700000=00
2.	Deduct amount to be held in reserve being ... percent Rs. ...	
3.	- do - Balance	
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No ... Dated ... S.D. No. ...	IT - 14000=00
	Amount adjusted towards cash advance recovery of	VAT - 28000=00
	b) Payments cost store or other materials supplied.	TSO - 35000=00 (+) 85,700=00
5.	Balance being unpaid value of work done held in reserve	Total --
6.	Deduct cash advance made on the office Cash Book Vehicle No. ... dated ... less adjustments	LWC - 7000=00
		CRF - 700=00
7.	Net amount due to or from contractor	Fine - 1000=00
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	Net - 6,14,300=00
		Total amount adjusted --

Received Rs. ... (in words) ...

... by cash and by adjustment of

Payment as per memorandum.

Witnesses (In final settlement of all demand)

1.

2.

Date

Paid by me by cheque No. ... Dated ...

Cash Rs. ... Dated ...

Initials of Officer making payment dated

Contractor / Signature

Technical Manger KRIDL, BBMP Bangalore - 560 001

Stamp

Signature of Contractor KRIDL, BBMP Bangalore - 560 001

(For use in the Office)

Audited and ... 700000=00

Passed by ... 614300=00

Six Lakhs Fifteen thousand Three hundred only 85,700=00

Accounts Super... 28/7/14

Exe. Engineer

B.B.M.P. ... Division

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Water quality & acceptability of the users indicating the location of site, recommended depth of casing pipe top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and required including transportation of instrument and accessories to work site., engaging techinical personnel required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour complete and as per the directions of the Engineer-in-charge of the work
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting welding including transportation of rig and supporing vehicles, crew charges and cost of consumables including yield testing at the final depth with a minimum working of compressor for one hour (excluding pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete directions of the Engineer-in-charge of the work
	0.00 to 50.00 m
	50.00 to 100.00 m
	100.00 to 150.00 m
	100.00 to 150.00 m
	200.00 to 250.00 m
	250.00 to 300.00 m
	300.00 to 350.00 m
3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading charges etc., complete and as per the directions of the Engineer-in-charge of the work
4	Providing fixing 250mm dia PVC Pipeand as per specification
5	175mm dia M.S casing cap
6	M S cassing pipe collars 'C' Class
7	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete The motor shall form an integral unit with all the required fittings 10.00 HP 20 stage.with all lead and lift, loading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP
8	Supply and drawing 3 core flat PVC sheathed submersible pump cable manufactured with celectrolytic grade flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation suitable for working voltage upto 1100 volts as per 1x3x4 sqm of 56 strands 0.3mm dia Group A
9	Supplying and fixing 50mm non return valve of vertical type of aplproved make including cost of all materials HOM of equipment with all leads compelte as per specification
10	Supplying and fixing 50mm GM gate valve

	Unit	Previous Measuremen		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
ugh the cluding nity, its ail the f casing rmation t labour ns etc.,	Each			1.00	1900.00	1900.00	1.00	1900.00	
e in all ing and mplete f casing per the	Mtr								
	Mtr			50.00	306.00	15300.00	50.00	15300.00	
	Mtr			50.00	400.00	20000.00	50.00	20000.00	
	Mtr			50.00	445.00	22250.00	50.00	22250.00	
	Mtr			50.00	470.00	23500.00	50.00	23500.00	
	Mtr			50.00	544.00	27200.00	50.00	27200.00	
	Mtr			50.00	583.00	29150.00	50.00	29150.00	
	Mtr			50.00	622.00	31100.00	50.00	31100.00	29234
nance ship t and abour	Mtr			47.00 78 80.00	1325.00	29234=00 10235=00 106000.00	47.00 78 80.00	106000.00	10335
	Rmt			18.00	1100.00	19800.00	18.00	19800.00	
	Each			1.00	100.00	100.00	1.00	100.00	
	Each			54.00	150.00	8100.00	54.00	8100.00	
vertical ness of ne type with ing and ding ete	Set			1.00	71265.25	71265.00	1.00	71265.00	
ner with matched	Mtr			600.00	151.00	90600.00	600.00	90600.00	
abour	Nos			1.00	1530.00	1530.00	1.00	1530.00	
	Nos			1.00	1430.00	1430.00	1.00	1430.00	

11	Supply and fixing 160mm borewell cap with clampset
12	Supply and fixing 50mm GI Union
13	Supply and fixing 50mm GI Elbow
14	Supply and fixing 50mm GI coller Heavy Duty
15	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adarsh / GK controls best ind combined energy meter cum control panel board unit of sie 1200x600x350 mm minimum mechanically stron water proof. The unit shall have two detachable doors suitable for operation on 3ph. 50 Hz, 380/440 volt with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron ventilators shall be provided inside the door canopy apron and louvers ventilators shall be provided the com meter cum control panel board unit suitable for operation on 3ph, 50 Hz, 380/440 volts AC supply shall be complete the panel board shall be consists etc., complete the panel board shall be fabricated on single unit components panel board for suitable pumpset with Star delta starter out door type 10 HP to 20 HP
16	Providing and fixing of 50mm GI pipe C class heavy duty for erection of submersible pumpset complete
17	Erection of combined panel board and meter unit with necessary materials and labour including provi concrete foundation bed cont door type etc., complete
18	Supplying of TPST with rewireable porcelain Channels in SM encloser 15/32 amps
19	Supplying and fixing 500 x 500x 65mm polished wood board made up not less than 15mm thick plank with one end provided for olding at other end fixing the same of the valve using through bolts and nuts 20"x2"x2
20	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 DC Group B
21	Supplying and drawing each PVC insulated 650/100 V grade wire in the conduct (Open or concealed system 7/20 or 7/36 copper wire
22	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to I 2834, 3 Phase 400 volt, 50 power factor improvement of rotating machinery capacitor in KVA rating Nos 2 KVAR capacity
23	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fittings wiring complete as required 5-32 TPN
24	Supplying, fixing , wiring earth electrode for grounding conduits. LC cutouts and other equipments as the using 40mm dia 2.90 mm thick GI pipe 2.5m long buried in a pit. The pit should be filled with equal propor and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit is etablished through GI wire of size as epr ISI specification 7.3.3. IS 732 using 12mm dia bolts, nuts, washers nuts, etc., the pipe shall have 16 throught holes of 122 mm dia
25	Supplying and fixing class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm
26	Supply 1.1 KV class UG cable from nearest BESCOM pole to panel board including earth work and mud core 16 sqmm
27	Labour charges for laying 1.1 KV class UG cable when supplied departmentally agency in existing pipe/stoneware pipe/on wall/on pole as required
28	Digging of trench of 0.6m p x 0.50mtr vide refiling the trench to the required ground level and consoli complete cutting road surface
29	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen compound compelte with terminals clamsp, bolts nuts and washers etc.,
30	Supplying and fixing of porcelain fuse channel with cut out on existing / new wooden panel using necessary and washers etc., complete
31	BESCOM deposit charges and misc. DWP-1121 dt: 30-6-2014
32	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricad lighting etc., in the Asph

	Nos			1.00	690.00	690.00	1.00	690.00
	Nos			1.00	245.00	245.00	1.00	245.00
	Nos			1.00	120.00	120.00	1.00	120.00
	Nos			16.00	1350.00	21600.00	16.00	21600.00
	Nos			1.00	10000.00	10000.00	1.00	10000.00
	Mtr			288.00	402.75	115992.00	288.00	115992.00
	Nos			1.00	475.00	475.00	1.00	475.00
	Nos			1.00	1350.00	1350.00	1.00	1350.00
	Nos			1.00	275.00	275.00	1.00	275.00
	Nos			1.00	350.00	350.00	1.00	350.00
	Nos			10.00	25.00	250.00	10.00	250.00
	Nos			1.00	350.00	350.00	1.00	350.00
	Nos			1.00	1075.00	1075.00	1.00	1075.00
	Nos			1.00	1500.00	1500.00	1.00	1500.00
	Nos			10.00	220.00	2200.00	10.00	2200.00
	Mtr			15.00	150.00	2250.00	15.00	2250.00
	Mtr			30.00	5.00	150.00	30.00	150.00
	Mtr			15.00	50.00	750.00	15.00	750.00
	Nos			1.00	240.00	240.00	1.00	240.00
	Nos			6.00	219.00	1314.00	6.00	1314.00
	Ls			1.00	15000.00	15000.00	1.00	15000.00
	cum			9.00	255.46	2299.00	9.00	2299.00

12294-00

12294 = 00

of pits of clods	cum			45.00	190.80	8586.00	45.00	8586.00	
wering with al gravel	Rmt			100.00	117.00	11700.00	100.00	11700.00	
	Mtr			10.00	402.75	4028.00	10.00	4028.00	
d layer as per	cum			45.00 177.75	51.41	2313=00 9138.00	45.00 177.75	9138.00	2313=00
of the	cum			54.00 159.68	106.85	5769=00 17062.00	54.00 159.68	17062.00	5769=00
	Ls			1.00	850.00	850.00	1.00	850.00	
	Ls			1.00	850.00	850.00	1.00	850.00	
TAL						699914.00		699914.00	
harges						69991.00		69991.00	
Cess						6999.00		6999.00	
Total						776904.00		776904.00	
						6,91,500/-		6,91,500/-	

674574=00 674574=00

Rupees in words .....

10% KRIDL charges - 67457=00 67457=00

total - 7,42,031=00 7,42,031=00

Amount Limited to - 7,00,000=00 7,00,000=00

as per work order